

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post-office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Load-Balancing Queues Employing LIFO/FIFO Work Stealing, the specification of which is attached hereto and identified by Cesari and McKenna File No. 112047-0041. The other inventors are Steven K. Heller and Christine H. Flood.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code §119(e) of the following U.S. provisional application:

None

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further

112047-0041

that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Michael E. Attaya, Reg. No. 31,731; Charles J. Barbas, Reg. No. 32,959; Joseph H. Born, Reg. No. 28,283; John L. Capone, Reg. No. 41,656; Robert A. Cesari, Reg. No. 18,381; Kathleen Chapman, Reg. No. 46,094; Howard S. Fuhrman, Reg. No. 33,175; A. Sidney Johnston, Reg. No. 29,548; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Edwin H. Paul, Reg. No. 31,405; Michael R. Reinemann, Reg. No. 38,280; Rita M. Rooney, Reg. No. 30,585; and Patricia A. Sheehan, Reg. No. 32,301, Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, Mass. 02210, and Kenneth Olsen, Reg. No. 26,493; Timothy J. Crean, Reg. No. 37,116; Joseph T. FitzGerald, Reg. No. 33,881; Alexander E. Silverman, Reg. No. 37,940; Anirna R. Gupta, Reg. No. 38,275; Sean P. Lewis, Reg. No. 42,798; Michael J. Schallopp, Reg. No. 44,319; Bernice B. Chen, Reg. No. 42,403; Noreen A. Krall, Reg. No. 39,734; Richard J. Lutton, Jr., Reg. No. 39,756; Monica D. Ward, Reg. No. 40,696; Marc D. Foodman, Reg. No. 34,110; Naren Chaganti, Reg. No. 44,602; Elaine Lee, Reg. No. 41,936; Hugh Matsubayashi, Reg. No. 43,779; Paul D. Sorkin, Reg. No. 39,039; Marilyn Glaubenslee, Reg. No. 35,521; Ramin Aghevli, Reg. No. 43,462; Andrew C. Chen, Reg. No. 43,544; and Jeffrey L. Myers, Reg. No. 44,252, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Joseph H. Born at (617) 951-2500. Please address all correspondence to Joseph H. Born.

Nir N. Shavit

Date

6/12/2001

Residence:

153 Upland Road  
Cambridge, Massachusetts 02140

Citizenship

Israel

Post Office Address:

Same as above

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post-office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Load-Balancing Queues Employing LIFO/FIFO Work Stealing, the specification of which is attached hereto and identified by Cesari and McKenna File No. 112047-0041. The other inventor is Nir N. Shavit.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code §119(e) of the following U.S. provisional application:

None

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

None


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further

112047-0041

that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Michael E. Attaya, Reg. No. 31,731; Charles J. Barbas, Reg. No. 32,959; Joseph H. Born, Reg. No. 28,283; John L. Capone, Reg. No. 41,656; Robert A. Cesari, Reg. No. 18,381; Kathleen Chapman, Reg. No. 46,094; Howard S. Fuhrman, Reg. No. 33,175; A. Sidney Johnston, Reg. No. 29,548; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Edwin H. Paul, Reg. No. 31,405; Michael R. Reinemann, Reg. No. 38,280; Rita M. Rooney, Reg. No. 30,585; and Patricia A. Sheehan, Reg. No. 32,301, Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, Mass. 02210, and Kenneth Olsen, Reg. No. 26,493; Timothy J. Crean, Reg. No. 37,116; Joseph T. FitzGerald, Reg. No. 33,881; Alexander E. Silverman, Reg. No. 37,940; Anirma R. Gupta, Reg. No. 38,275; Sean P. Lewis, Reg. No. 42,798; Michael J. Schallop, Reg. No. 44,319; Bernice B. Chen, Reg. No. 42,403; Noreen A. Krall, Reg. No. 39,734; Richard J. Lutton, Jr., Reg. No. 39,756; Monica D. Ward, Reg. No. 40,696; Marc D. Foodman, Reg. No. 34,110; Naren Chaganti, Reg. No. 44,602; Elaine Lee, Reg. No. 41,936; Hugh Matsubayashi, Reg. No. 43,779; Paul D. Sorkin, Reg. No. 39,039; Marilyn Glaubenslee, Reg. No. 35,521; Ramin Aghevli, Reg. No. 43,462; Andrew C. Chen, Reg. No. 43,544; and Jeffrey L. Myers, Reg. No. 44,252, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Joseph H. Born at (617) 951-2500. Please address all correspondence to Joseph H. Born.

  
Steven K. Heller

  
Date

Residence: 1 Ashwood Road  
Acton, Massachusetts 01720

Citizenship USA

Post Office Address: Same as above

Christine H. Flood May 24 2001  
Christine H. Flood Date

Residence: 13 Main Street  
Westford, Massachusetts 01886

Citizenship USA

Post Office Address: Same as above

TO: "Patent Office"